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PURPOSE: To make sealability ever so better, by installing such a gasket as provided with a concave groove in conformity with the form of a peripheral part and having formed a projecting part on the peripheral part.

CONSTITUTION: A projecting part 13 is formed on a peripheral part in a way of grooving annular grooves in the width specified on the top of an upper gasket 3. As for this projecting part 13, each end part of a cylindrical gas electrode 1 and a separator 5 is embeddedly installed in position beneath the underside of the projecting part 13 being a solid part with the upper gasket 3, while a reinforcement 15 is tipingly attached to the top of the projecting part 13. And, with this reinforcement 15 topingly installed on the projecting part 13 constricted breadthwise, a joining part between the gas electrode 1 and the separator 5 and the upper gasket is made into being hermetically sealed. And, making the side of the end part at the air electrode side of the reinforcement 15 longer than the end part at the air electrode side of the projecting part 13, constriction in the gasket is made to be yet surer in terms of design.

